

ABSTRACT

The present invention relates to a method and apparatus for improving the procedures for error detection and recovery in data communication systems and thereby facilitating a better use of data transmission resources. According to the invention, different protocols capable of re-transmission of data are made to communicate with each other in order to avoid that several protocols simultaneously re-transmit the same data towards the same interface. The transmitting entity of a higher layer protocol will, according to the invention, await the result of the transmission of a certain protocol data unit by a lower layer protocol before making the decision of whether or not the transmitting entity of the higher layer protocol should re-transmit the certain protocol data unit.